

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 7 | ((("3566858") or ("4221488") or ("4498461") or ("4685448") or ("5478304") or ("5961443")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:19 |
| S2 | 38 | (600/23).CQLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:20 |
| S3 | 36 | (600/24).CQLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:26 |
| S4 | 232 | (704/271).CQLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:31 |
| S5 | 1832 | 128/897 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:34 |
| S6 | 678 | S5 and (hear\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:35 |
| S7 | 91 | S6 not heart | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:35 |
| S8 | 90 | S7 not \$2continen\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 09:48 |
| S9 | 3114 | vibrat\$3 and (implant\$3 with skull or bone) and frequency and (circuit\$2 or delay\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 09:54 |
| S10 | 13 | S9 and (anti\$stutter\$3 or stutter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 09:55 |

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|-----|-----|--|---|----|-----|---------------------|
| S11 | 507 | vibrat\$3 and (implant\$3 with (skull or bone)) and frequency and (circuit\$2 or delay\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 09:57 |
| S12 | 2 | S11 and (anti\$stutter\$3 or stutter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 10:04 |
| S13 | 751 | vibrat\$3 and (implant\$3 with (skull or bone)) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 09:55 |
| S14 | 2 | S13 and (anti\$stutter\$3 or stutter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 09:56 |
| S15 | 2 | ((("20010056300") or ("20020091337"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 10:01 |
| S16 | 1 | ("5085628").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 10:01 |
| S18 | 1 | "20010056300" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 10:07 |
| S19 | 507 | vibrat\$3 and (implant\$3 with (skull or bone)) and frequency and (circuit\$2 or delay\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 10:14 |
| S20 | 290 | S19 and (hear or hearing) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 10:14 |
| S21 | 192 | S20 not heart | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:12 |
| S22 | 187 | S20 and speech | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:15 |
| S23 | 1 | S20 and (speech with impediment) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:12 |

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| S25 | 0 | S20 and stammer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:15 |
| S27 | 2 | S19 and (anti\$stutter\$3 or stutter\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:16 |
| S28 | 209 | S19 and speech | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:16 |
| S29 | 26 | S19 and (speech with (problem or defect or impediment or impair\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/02/12 11:17 |
| S30 | 38 | (600/23).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/02/12 11:21 |
| S31 | 21754 | ((frequency with (shift or shifting) with circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 11:57 |
| S32 | 1157 | (600/23 600/24 128/897). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:02 |
| S33 | 6 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 11:58 |
| S34 | 4 | S33 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 12:54 |
| S35 | 18 | ((US-20010056300-\$ or US- 20060015155-\$ or US- 20050226447-\$ or US- 20040236176-\$ or US- 20040172102-\$ or US- 20040032962-\$ or US- 20040028249-\$ or US- 20060089522-\$).did. or (US-5940798-\$ or US- 5961443-\$ or US-6231500- \$ or US-4377158-\$ or US- 5478304-\$ or US-6491622- \$ or US-5788656-\$ or US- 7043040-\$ or US-5047994- \$ or US-4982434-\$).did. | US-PGPUB; USPAT | OR | OFF | 2007/08/30 12:52 |

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| S36 | 1 | S35 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:03 |
| S37 | 74 | (600/23 600/24).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 12:54 |
| S38 | 8 | S37 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:02 |
| S39 | 5 | S38 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:02 |
| S40 | 5270 | (128/898 128/897).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:02 |
| S41 | 1 | S40 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:17 |
| S42 | 0 | S41 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:18 |
| S43 | 197 | vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:16 |
| S44 | 23 | S43 and (skull or bone) | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:18 |
| S45 | 1 | S40 and vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:03 |
| S46 | 10 | S44 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:10 |
| S47 | 2294 | vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3 or impediment) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:15 |
| S48 | 197 | vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:16 |
| S49 | 880 | (tactile or mechanical or vibrat\$3) and (stammer\$3 or stutter\$3 or anti\$stutter\$3) | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:18 |

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|-----|------|---|---|----|-----|---------------------|
| S50 | 683 | S49 not S43 | US-PGPUB; USPAT | OR | OFF | 2007/08/30 13:18 |
| S51 | 399 | S50 and (skull or bone or bony) | US-PGPUB; USPAT | OR | ON | 2007/08/30 13:18 |
| S52 | 0 | S42 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 13:18 |
| S53 | 284 | S51 and @ad<"20031022" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/08/30 14:12 |
| S54 | 241 | (704/271).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/08/30 14:12 |
| S55 | 1174 | (600/23 600/24 128/897). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/02/21 15:11 |
| S56 | 4470 | (128/898).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/02/21 15:11 |
| S57 | 1418 | (600/23 600/24 128/897 704/271).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/02/21 15:12 |
| S58 | 208 | vibrat\$3 and (stammer\$3 or stutter\$3 or anti\$stutter \$3) | US-PGPUB; USPAT | OR | OFF | 2008/02/22 08:53 |
| S59 | 24 | S58 and (skull or bone) | US-PGPUB; USPAT | OR | ON | 2008/02/22 08:53 |
| S60 | 917 | (tactile or mechanical or vibrat\$3) and (stammer\$3 or stutter\$3 or anti\$stutter \$3) | US-PGPUB; USPAT | OR | OFF | 2008/02/22 08:54 |

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